



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

#16/B
Lauran
12-10-02

In re Application of:

Takao OGAWA et al.

Serial No. 09/394,514

Filed: September 13, 1999

For: ELECTRONIC TOLL
COLLECTION SYSTEM FOR
TOLL ROAD

Art Unit: 3623

Examiner: C.M. Colon

Atty Docket: 0102/0074

AMENDMENT

Assistant Commissioner for Patents
Washington, D.C. 20231

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Sir:

The following is a response to the Office Action dated August 13, 2002.
Please amend the above-identified application as follows.

In the Claims

Please amend claims 1 and 6 as follows:

1. (Twice amended) An ETC (electronic toll collection) system comprising:
an antenna having a predetermined directivity for providing a limited radio-communication service zone;
a vehicle sensor preceded by said antenna by a predetermined interval for detecting a vehicle which reaches a predetermined position in the limited radio-communication service zone;
first means for transmitting a radio signal via the antenna;
second means for deciding whether or not a radio response to the radio signal is received via the antenna;